

### ABSTRACT

[0099] An apparatus capable of mixing and dispensing a decontaminant foam that is useful in strategic and tactical decontamination comprises in one embodiment a plurality of tanks 11, a pump assembly that is capable of mixing binary or multi-component decontaminant fluids in a desired ratio, and a manifold for mixing the fluids. In an alternative embodiment, the invention provides a mobile decontamination module, wherein a wheeled platform is provided for supporting the tanks 11, pump assembly, manifold, and a boom for dispensing foam-based or liquid-based decontaminant such that the module is compatible with the on-load and off-load equipment aboard a heavy transport vehicle.